

# msaStorageDict Module

## `.encoding`

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### Attributes

#### MSADictDefaultEncoding module-attribute

```
MSADictDefaultEncoding = PickleEncoding
```

### Classes

#### DecodingError

Bases: `EncoderError`

#### Encoder

Bases: `object`

##### Attributes

`decoding_exceptions` class-attribute

```
decoding_exceptions = ()
```

`encoding_exceptions` class-attribute

```
encoding_exceptions = ()
```

##### Functions

`decode` classmethod

```
decode(*args, **kwargs)
```

**decoder** staticmethod

```
decoder(data)
```

**encode** classmethod

```
encode(*args, **kwargs)
```

**encoder** staticmethod

```
encoder(data)
```

## EncoderError

Bases: ValueError

## EncodingError

Bases: EncoderError

## JSONEncoding

Bases: Encoder

### Attributes

**decoder** class-attribute

```
decoder = staticmethod(json.loads)
```

**decoding\_exceptions** class-attribute

```
decoding_exceptions = (TypeError, ValueError)
```

**encoder** class-attribute

```
encoder = staticmethod(json.dumps)
```

**encoding\_exceptions** class-attribute

```
encoding_exceptions = (TypeError, ValueError)
```

## NoOpEncoding

Bases: `Encoder`, `ABC`

### Attributes

`decode` class-attribute

```
decode = staticmethod(lambda d: d)
```

`encode` class-attribute

```
encode = staticmethod(lambda d: d)
```

## PickleEncoding

Bases: `Encoder`

### Attributes

`decoding_exceptions` class-attribute

```
decoding_exceptions = (TypeError, pickle.UnpicklingError)
```

`encoding_exceptions` class-attribute

```
encoding_exceptions = (TypeError, pickle.PicklingError)
```

### Functions

`decoder` staticmethod

```
decoder(data)
```

`encoder` staticmethod

```
encoder(data)
```

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